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**Presented By:**  
**ClearWater Solutions**  
 2178 Moores Mill Rd,  
 Auburn, AL 36830  
 Toll Free (877) 230-6228  
 www.clearwatersol.com

## Visual Inspection Report

Owner:	Carolina Water Services
Contact:	Mr. Travis Dupree
Address:	130 South Main St.
City, State, Zip Code:	Greenville, SC 29601
Telephone:	(864) 395-3571
Fax:	
Email:	TDupree@uiwater.com

General Tank Information			
Inspection Date:	September 5, 2018		
Inspected By:	Barrie Dunlap NACE CIP# 64626		
Type Inspection:	Visual		
Tank Name:	River Hills Water Tank		
Tank Location:	4607 Charlotte Hwy		
Tank Capacity:	200,000 Gallon Multi Column Elevated Tank		
Tank Dimensions:	+/- 100' to Bottom		
Number of Columns:	Four		
Type Construction:	Welded Steel		
Riser Manway:	Yes [ X ]	No [ ]	Size: 18" Type: Oval Strong Back
Year Erected:	1972		
External Safety Climb:	Yes [ X ]	No [ ]	Type: Cable
Ladder Gate:	Yes [ X ]	No [ ]	Secured: Locked
Logo:	No		
Exterior Color:	White		
Report & Photos Provided:	Yes		
Type Disinfection:	N/A		

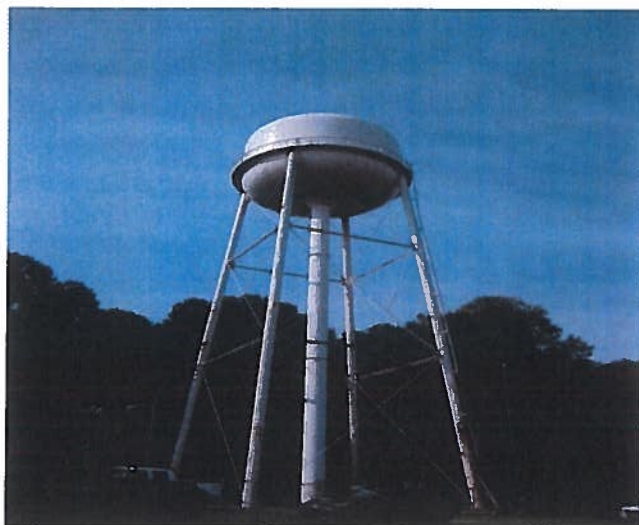
<i>Foundation Conditions</i>	
Are Foundations above Grade:	Yes
Condition of Concrete:	Good
Condition of Grout:	Good
Condition on Anchor Bolts:	Good w/ Minor Corrosion

<i>Exterior Conditions</i>	
Condition of Exterior Ladders:	Heavy Corrosion On Lower Section
Does Overflow Extend to the Ground:	No Location: Internal
Does Overflow have a Screen and Flapper:	Yes [ ] No [ X ]
Is Vent Screen Secure:	Yes [ X ] No [ ] : Secondary Fine Screen Unsecured
Is Level Indicator Functioning:	Yes [ ] No [ X ]
Is Tank Site Fenced:	Yes [ X ] No [ ]
Evidence of Vandalism:	Yes [ ] No [ X ]
Evidence of Leaks:	Yes [ ] No [ X ] Location: N/A
Condition of Exterior Coating:	Corrosion at Various Locations
Columns:	Corrosion at Various Locations
Riser:	Good w/ no Corrosion
Bowl:	Good w/ no Corrosion
Shell Wall:	Coating Delamination at Various Locations
Roof:	Minor Spot Corrosion
Rods:	Minor Spot Corrosion
Balcony:	Minor Spot Corrosion
Does the Tank have Antennas:	Yes [ X ] No [ ] Type: Balcony & Roof Mounted
Does the Coating Contain Lead Paint:	Yes [ ] No [ ] N/A

<i>Interior Conditions</i>	
Condition of Interior Coating:	Rust Staining & Corrosion
Roof:	Rusting & Corrosion
Sidewalls:	Heavy Rust Staining N
Bowl:	N/A
Riser:	N/A
Does the Tank have Cathodic Protection:	Yes [ ] No [ X ]
Does the Tank have Roof Beams:	Yes [ X ] No [ ] Qty: N/A
Are Roof Seams Welded or Lapped:	Welded
Is Roof Hatch Locked:	Yes [ ] No [ X ]
Internal Safety Climb:	Yes [ ] No [ X ]
Was Tank Washed out during this Inspection:	Yes [ ] No [ X ]
Was Tank Disinfected:	Yes [ ] No [ X ]
Evidence of Foreign Matter:	Yes [ ] No [ X ]
Sediment Present in Bowl:	Yes [ X ] No [ ] Unknown [ ]

### Observation of Exterior Coating System:

The exterior coating is exhibiting delamination, corrosion, rusting, cracking, chalking and blemishing in various areas on the tank. The influent riser, support columns, bowl and roof seemed to have been improperly coated in the last several years. A Dry Film Thickness test was performed on the tank roof and received an average reading of 10.8 mils. Recommend replacing lower section of column ladder and a full exterior overcoat/spot repair within the next two years.



Overall View



Underneath View



Tank Identification Plate

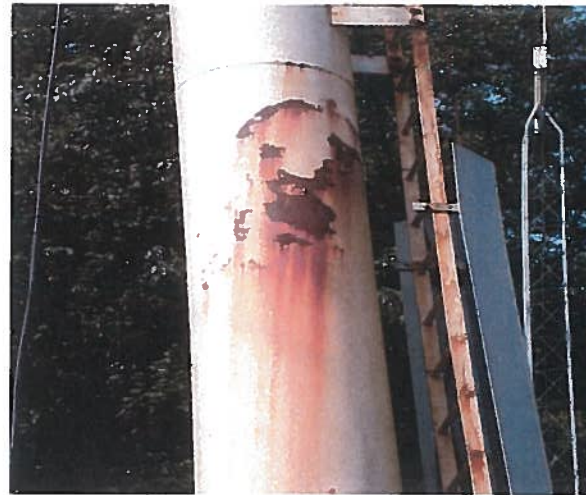


Corrosion On Support Column

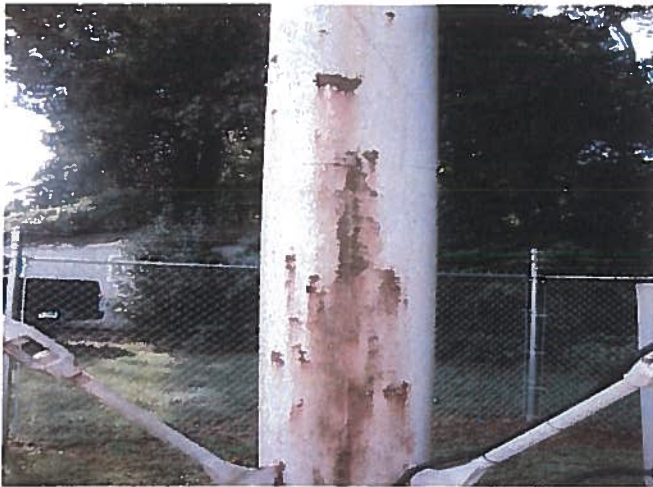




Corrosion & Rust Staining On Support Column



Close Up Of Corrosion on Support Column



Corrosion & Rusting On Support Column



Anchor Bolts & Concrete Foundation



Heavy Corrosion Along Exterior Ladder



Corrosion On Ladder Bolts





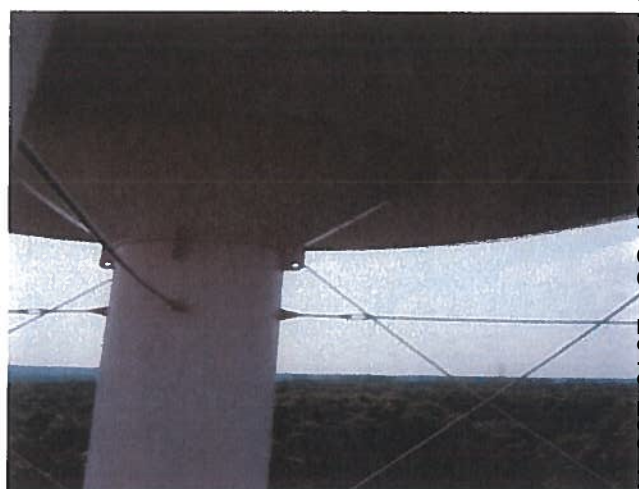
Rusting Present On Tank Strut



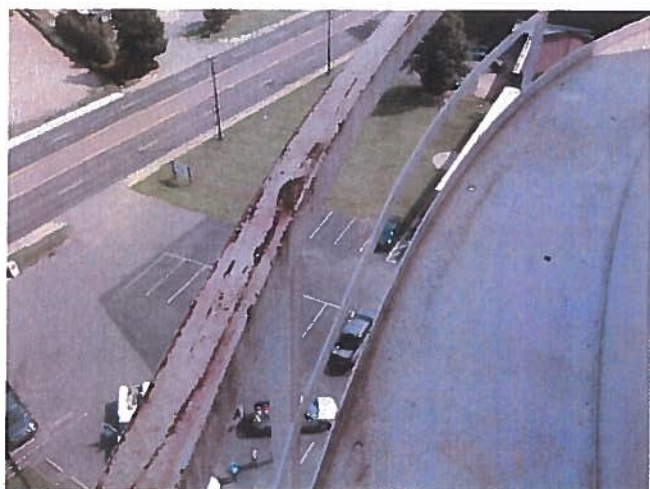
Close Up Of Rusting On Tank Strutt



Delamination & Corrosion On Wind Rod



Tank Bowl View



Rusting On Balcony Railing



Rust Staining At Antenna Base





Puddling Water Staining



Delamination On Shell Wall & Level Indicator View



Cracking & Delamination On Shell Wall



Rusting On Tank Roof



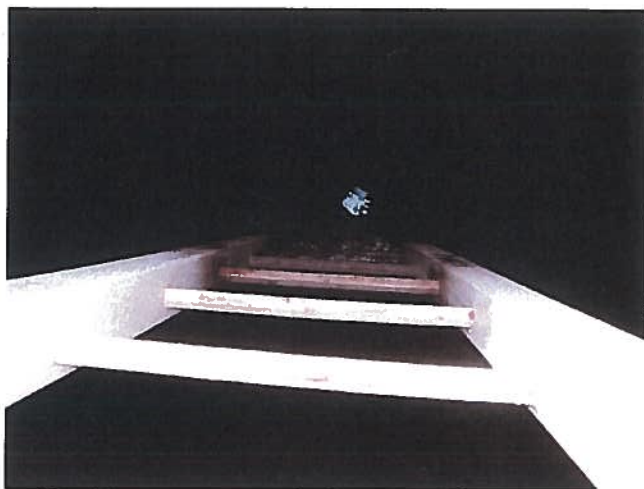
Rusting On Tank Roof



Corrosion On Roof Hatch

### Observation of Interior Coating System: (visual thru roof hatch)

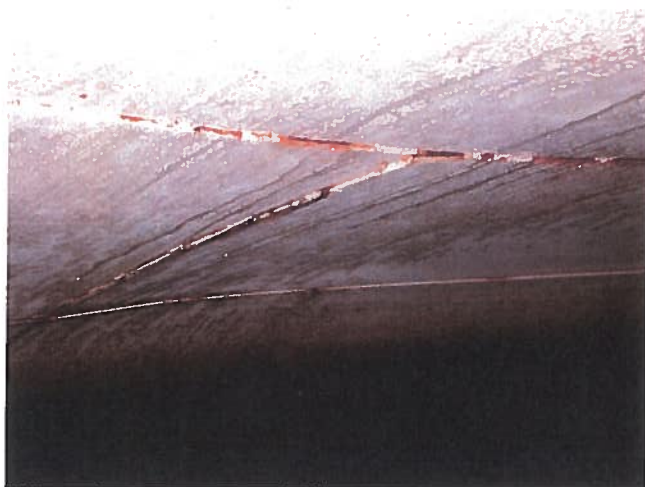
The interior of the tank is exhibiting areas of corrosion, surface rust and rust staining along the roof support beams, shell wall and ladder. Also, sediment is present in tank bowl. Recommend washout/disinfect within one year and a full interior overcoat/spot repair within two years.



Interior Ladder View w/ Rust Staining



Interior Roof View



Rusting Along Roof Welds



Rusting Along Roof Support Beams





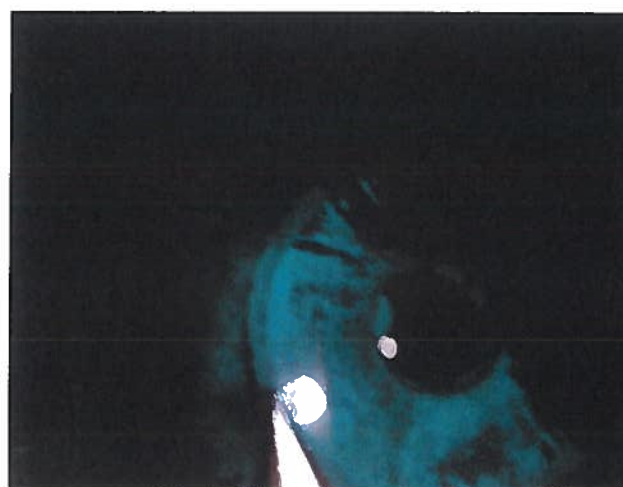
Heavy Rusting & Staining on Upper Shell Wall



Sediment Present In Tank Bowl



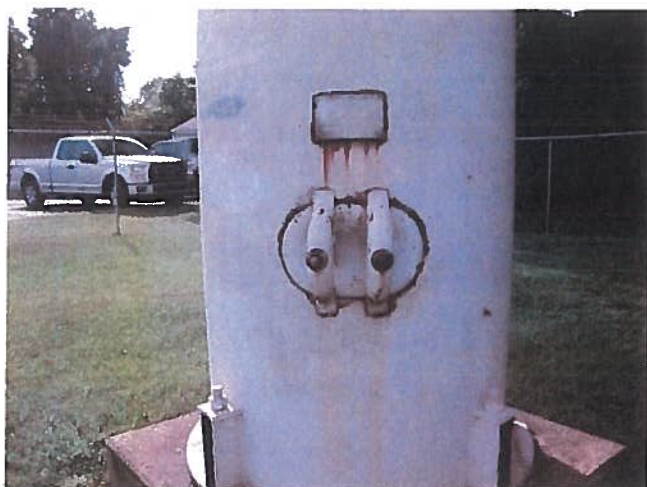
Close Up Of Sediment



Safety Gate Missing At Influent Pipe Opening

#### Observation of Accessories:

- Riser manway is secured
- Roof hatch is secured
- Roof vent screen is secured. (Secondary fine screen is unsecured)
- Balcony and roof antennas are secured.
- Ladder gate and safety cable are secured
- Overflow pipe does not extend to ground level

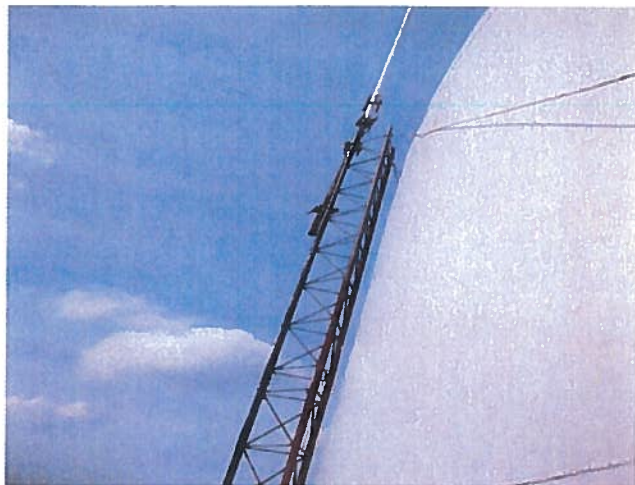


Riser Manway w/ Corrosion on Bolts



Overflow Pipe View





View Of Balcony Antenna



Roof Vent View



Roof Vent Screen View



Column Ladder & Safety Cable View



Ladder Gate Secured After Inspection

Evaluation By: Barrie L. Dunlap, NACE CIP # 64626

Signature: Barrie L. Dunlap







blue granite  
water company<sup>SM</sup>

August 12, 2019

Josh Reinhardt, York County Development Services Manager  
York County Planning Commission  
1070 Heckle Blvd., Ste. 107  
Rock Hill, SC 29732-2863

Dear Josh Reinhardt:

The willingness and capability letter Blue Granite Water Company (Blue Granite) provided to Mr. Ted Duncan for the Merriway Pointe development will expire in October 2019. Because of present water supply constraints in our Lake Wylie water system, Blue Granite Water Company has temporarily ceased providing "willingness and capability to serve" letters for new developments in the Lake Wylie area. Blue Granite will notify the County prior to resuming issuance of such letters.

Please do not hesitate to reach out to me with any questions or concerns at [Travis.Dupree@bluegranitewaterco.com](mailto:Travis.Dupree@bluegranitewaterco.com).

Sincerely,

Travis Dupree  
VP, Project Management and Engineering

Blue Granite Water Company